

INTERNATIONAL SEARCH REPORT

International Application No
PCT/JP2004/007443

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 H02K11/04 H02K5/16

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 H02K

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 00/01054 A (LYTLE PETER B ; GEN ELECTRIC (US); WRIGHT KAMRON M (US); YOUNG ANDREW) 6 January 2000 (2000-01-06) abstract; figures page 3, line 13 - page 3, line 20 page 5, line 8 - page 5, line 19 page 6, line 5 - page 6, line 17	1-7
A	US 4 634 908 A (STURM GERHARD) 6 January 1987 (1987-01-06) column 2, line 43 - column 2, line 54 figure 1	4
A	US 4 156 821 A (KUROME SHOSHAKU ET AL) 29 May 1979 (1979-05-29) figures 3-6	5
	----- -/-	

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

* Special categories of cited documents:

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the international filing date
- *L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the international filing date but later than the priority date claimed

- *T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- *X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- *&* document member of the same patent family

Date of the actual completion of the international search

2 September 2004

Date of mailing of the international search report

10/09/2004

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2
NL - 2280 HV Rijswijk
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,
Fax: (+31-70) 340-3016

Authorized officer

Ramos, H

INTERNATIONAL SEARCH REPORT

International Application No
PCT/JP2004/007443

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	DE 101 13 559 A (BTM S R L) 27 September 2001 (2001-09-27) column 2, line 51 - column 2, line 57 figure 2	6
A	US 4 952 828 A (YI-XIN XU ET AL) 28 August 1990 (1990-08-28) abstract; figure 1	7

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/JP2004/007443

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
WO 0001054	A	06-01-2000	AU 4727599 A BR 9911469 A CA 2333949 A1 CN 1104082 B EP 1116319 A1 HK 1040006 A1 HU 0101238 A2 JP 2002519986 T PL 345400 A1 WO 0001054 A1	17-01-2000 18-09-2001 06-01-2000 26-03-2003 18-07-2001 05-12-2003 28-08-2001 02-07-2002 17-12-2001 06-01-2000
US 4634908	A	06-01-1987	DE 3422743 A1 DE 3562111 D1 EP 0167749 A1	19-12-1985 11-05-1988 15-01-1986
US 4156821	A	29-05-1979	JP 1193665 C JP 52124111 A JP 58026262 B	12-03-1984 18-10-1977 01-06-1983
DE 10113559	A	27-09-2001	IT T020000265 A1 DE 10113559 A1 ES 2181583 A1 FR 2806854 A1 GB 2362267 A , B	21-09-2001 27-09-2001 16-02-2003 28-09-2001 14-11-2001
US 4952828	A	28-08-1990	CN 1036484 A	18-10-1989